|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | | **Decision rule** | **Score** |
| SELECTION | Description of the cohort | Inclusion/exclusion criteria are clearly stated | \* |
| Inclusion/exclusion criteria are not satisfying or not stated | - |
| Sample size | Justified | \* |
| Not justified | - |
| CRP quantification assay | hs-CRP assay | \*\* |
| Validated CRP assay | \* |
| Inadequate LoD or poor description of the measurement tool | - |
| COMPARABILITY | Non-pregnant and pregnant groups are comparable. Confounding factors are controlled. | Women age and BMI are similar in both groups | \* |
| The number of mature follicles (in IUI) or the number of transferred embryos (in IVF) is similar in both groups | \* |
| Women age, women BMI, and the number of transferred embryos are significanlty different in both groups or not available | - |
| OUTCOME | Assessment of the outcome | Clinical pregnancy | \*\* |
| Biochemical pregancy | \* |
| Pregnancy not defined | - |
| Statistical test | Predictive accuracy is provided: cut-off, AUC, or sensiility/specificity | \* |
| Clearly described, appropriate, and indicating the probability level (p value) | \* |
| The statistical test is not appropriate, not described or incomplete | - |

**Supplementary Table SII** Modified Newcastle –Ottawa quality assessment scale.

LoD: limit of detection; hsCRP: high-sensitivity C-reactive protein; CRP: C-reactive protein.